

**Goldsboro Fire Department
Fire Department Connection Requirements**

1. Commercial Buildings: The FDC shall be equipped with a signal five (5) inch thread-less Storz brand connection and shall have a 30-45 degree downward deflection. The Storz connection shall connect to the pipe outlet from the building using National Standard Thread. The FDC piping underground shall be equipped with a ball drip valve to ensure there is no standing water in the connection and that the piping does not freeze.
2. The FDC shall be arranged to face a paved roadway, sidewalk or other approved area and shall be installed so that it will not interfere with access to the building when hoses are laid from the closest public hydrant to the FDC.
3. The FDC shall be arranged so that the connection is no more than (48) inches above the finished grade, sidewalk or location of the connection.
4. Where the FDC is subject to vehicle damage, the connection shall be protected per the fire code. (Ballard protection)
5. A sign with letters at least 6 inch in size shall be mounted on all fire department connections. (The sign shall have red letters on a white background.) Where the fire department connection does not serve the entire building a sign shall be provided indicating the portions of the building served.
6. Fire department connections shall be at least 10 feet away from all utilities (i.e. natural gas, LP gas, electrical meters and transformers).
7. Three (3) feet of clearance is required around the fire department connection This includes bushes, walls, retaining walls, and hot boxes unless attached.
8. All FDC connections shall be within 400 feet (hose lay) of a public fire hydrant.